

عنوان مقاله:

Assessment of the hospital information system in compliance with Certification Commission for Healthcare Information Technology standard at Isfahan University of Medical Sciences' academic hospitals

محل انتشار:

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نویسندگان:

Maryam Jahanbakhsh - *Health Management and Economic Research Center, Department of Health Information Technology and Management, School of Health Management and Information Sciences, Isfahan University of Medical Sciences, Isfahan, Iran*

Ashgar Ehteshami - *Health Information Technology Research Center, Department of Health Information Technology and Management, School of Health Management and Information Sciences, Isfahan University of Medical Sciences, Isfahan, Iran*

Abbas Shafiei - *Department of Health Information Technology and Management, School of Health Management and Information Sciences, Isfahan University of Medical Sciences, Isfahan, Iran*

خلاصه مقاله:

Introduction: Hospital information system (HIS) plays an important role in improving the quality of treatment in hospitals. These systems are considered as an information system that can have a great influence on the efficiency and effectiveness of hospital management. Assessment system as one of the most important debates in the hospital management system has received great emphasis. The present study was aimed to assess HISs of Isfahan academic hospitals and was performed using Certification Commission for Health Information Technology (CCHIT) standard. **Methods:** This study is an applied descriptive cross-sectional study, in which 11 academic HISs of Isfahan University of Medical Sciences were surveyed by using a CCHIT standard checklist with three areas (information management, patient management, and technical management). Obtained data were analyzed with SPSS software V. 18 (IBM), and descriptive statistics was used to examine measures of central tendencies. **Results:** Data analysis revealed that the mean score of information management, patient management, and technical management areas in compliance with CCHIT standard were 66.1, 63.5, and 64.6 percent, respectively. **Conclusions:** According to the results of this study, it can be expressed that the criteria of HIS has been implemented in a rather favorable way. Hence, to achieve the desired mode, planning must be done on designing systems to increase the efficiency of information management, patient management, and software and technical infrastructures.

کلمات کلیدی:

Academic hospital, assessment, Certification Commission for Health Information Technology, hospital information system

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